AudioSource

User Manual

Products:

AP4040BT
Wireless Party Speaker

Contents

1. Important Safety Instructions

CAUTION	AVIS
RISK OF ELECTRIC SHOCK DO NOT OPEN	RISQUE DE CHOC ÉLECTRIQUE NE PAS PUVRIR

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude as to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

1.1 Safety

1 **Read these instructions** – All the safety and operating instructions should be read before this product is operated.

2 **Keep these instructions** – The safety and operating instructions should be retained for future reference.

3 **Heed all warnings** – All warnings on the appliance and in the operating instructions should be adhered to.

4 **Follow all instructions** – All operating and usage instructions should be followed.

5 **Do not use this apparatus near water** – The appliance should not be used near water or moisture – for example, in a wet basement or near a swimming pool and the like.

6 Clean only with a dry cloth.

7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8 Do not install near any heat sources such as radiators, heaters, stoves, or other apparatus (including amplifiers) that produce heat. Do not place the product in direct sunlight.

9 This product is not intended for use by persons (including young children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are supervised or have been given instructions concerning the use of the product by a person who is responsible for their safety.

10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11 Only use attachments/accessories specified by the manufacturer.

12 Use only with the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13 Unplug the apparatus during lightning storms or when unused for long periods of time.

14 Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the unit has been exposed to rain or moisture, does not operate normally, or has been dropped.

15 This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

16 The apparatus shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.

17 Minimum distance around the apparatus for sufficient ventilation is 5cm.

18 The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers,table-cloths, curtains, etc…

19 No naked flame sources, such as lighted candles, should be placed on the apparatus.

20 Batteries should be recycled or disposed of as per state and local guidelines.

21 The use of apparatus in moderate climates.

Caution:
- Use of controls or adjustments or performance of procedures other than those described herein, may result in hazardous radiation exposure or other unsafe operation.
- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus must not be exposed to dripping or splashing and objects filled with liquids, such as vases, must not be placed on apparatus.
- The mains plug/appliance coupler is used as the disconnect device, the disconnect device must remain readily operable.

1.2 Warning
- Caution Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- The battery (batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Before operating this system, check the voltage of this system to see if it is identical to the voltage of your local power supply.
- Do not place this unit close to strong magnetic fields.
- Do not place this unit on the amplifier or receiver.
- If any solid object or liquid falls into the system, unplug the system and have it checked by qualified personnel before operating it any further.
- Do not attempt to clean the unit with chemical solvents as this may damage the finish. Use a clean, dry or slightly damp cloth.
- When removing the power plug from the wall outlet, always pull directly on the plug, never yank on the cord.
- Changes or modifications to this unit not expressly approved by the party responsible for compliance will void the user's authority to operate the equipment.
- The rating label is pasted on the bottom or back of the equipment.

Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.
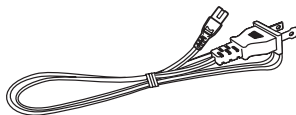

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Zhong Shan City Richsound Electronic Industrial Ltd is under license. Other trademarks and trade names are those of their respective owners.
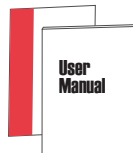
2. Package Contents

Wireless Party Speaker x 1

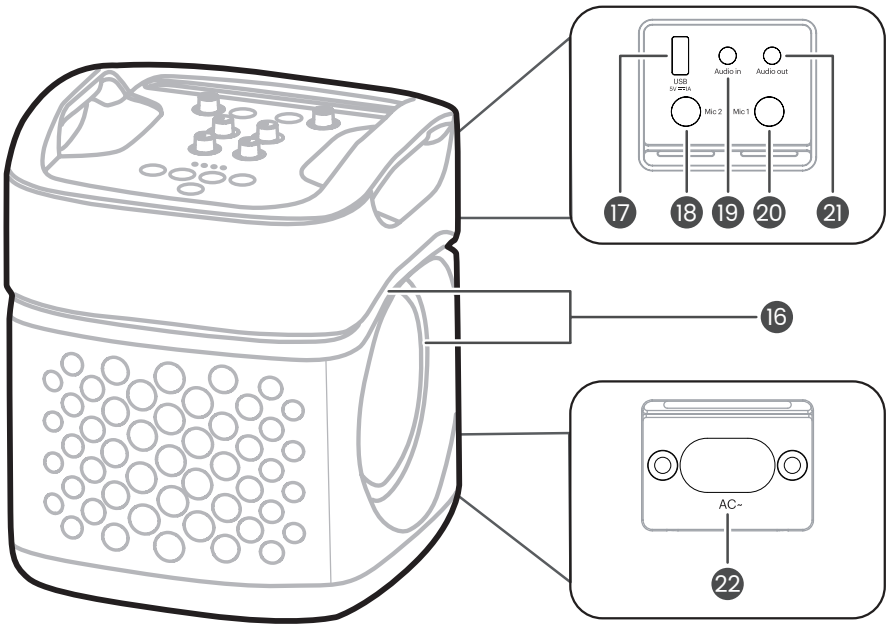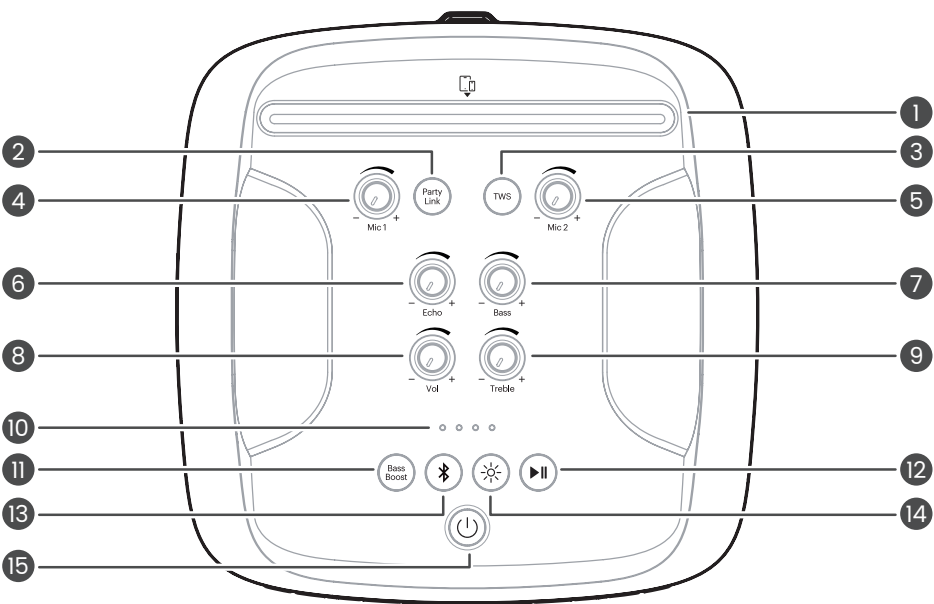Power Cord x 1

Quick Start Guide /
User Manual

Warranty Card

• Power cord quantity and plug type vary by regions.

• Images, illustrations and drawings shown on this User Manual are for reference only, actual product may vary in appearance.

3. Identifying the Parts

3.1 Wireless Party Speaker

1   🗔
    Place your tablet and phone.

2   **Party Link button**
    Press to enter Party Link pairing mode.

3   **TWS pair button**
- Press to enter True Wireless Stereo (TWS) pairing mode.
- It work only when you have two identical speakers.

4   **Mic 1 Vol+/− Knob**
    Adjust microphone volume.

5   **Mic 2 Vol+/− Knob**
    Adjust microphone volume.

6   **Echo +/− Knob**
    Adjust the microphone echo level.

7   **Bass +/− Knob**
    Adjust bass level.

8   **Vol +/− Knob**
    Increase/Decrease the volume.

9   **Treble +/− Knob**
    Adjust treble level.

10   **LED indicator**

11   **Bass Boost button**
- Press to enhanced bass and volume.
- Press and hold to skip the previous track in Bluetooth/USB mode.

12   ▶‖ **button**
- Start, pause or resume play.
- Press and hold to skip the next track in Bluetooth/USB mode.

13   ✳ **Bluetooth / pair button**
- Switch to Bluetooth mode.
- Press and hold to activate the pairing function in Bluetooth mode or disconnect the existing paired Bluetooth device.

14   ☀ **Light button**
    Press to switch different light colors and mode.

15   ⏻ **button**
- Press and hold for 3 seconds to switch on/off the unit.
- Press to check battery level in power on status.

16   **Speaker light**

17   **USB Socket**

18   **Mic 2 Socket**

19   **Audio in Socket**

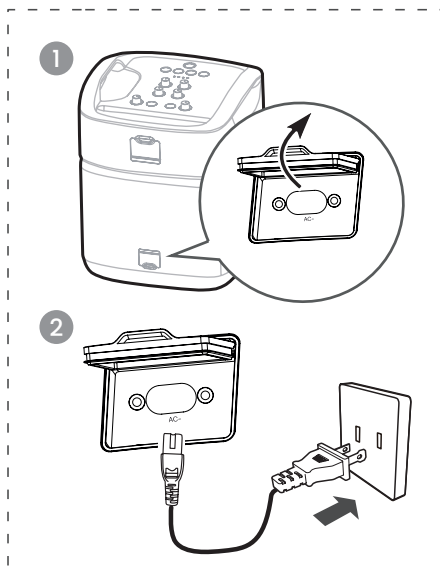20   **Mic 1 Socket**

21   **Audio out Socket**

22   **AC~ Socket**

Function status		Pattern	LED
Power	Standby	● Solid red	LED 1
	Power Off	- Off	
Battery	Low	☀ Blink white	LED 1, 2, 3, 4
Volume	Maximum / Minimum	☀ Blink white (x3)	LED 1, 2, 3, 4
Bluetooth	Pairing	☀ Blink blue	LED 3
	Paired	● Solid blue	
TWS	Pairing	● Alternative blue-white	LED 3
	Paired	● Solid blue (master)	
		● Solid white (slave)	
Party Link	Pairing	● Alternative green-white	LED 4
	Paired	● Alternative green-white (master)	LED 4
		● Solid white (slave)	LED 3

4. Connections

4.1 Connect to Power

Risk of product damage!

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the party speaker.
- Before connecting the AC power cord, ensure you have completed all other connections.
- Connect the mains cable to the AC~ socket of the party speaker and then into a mains socket.

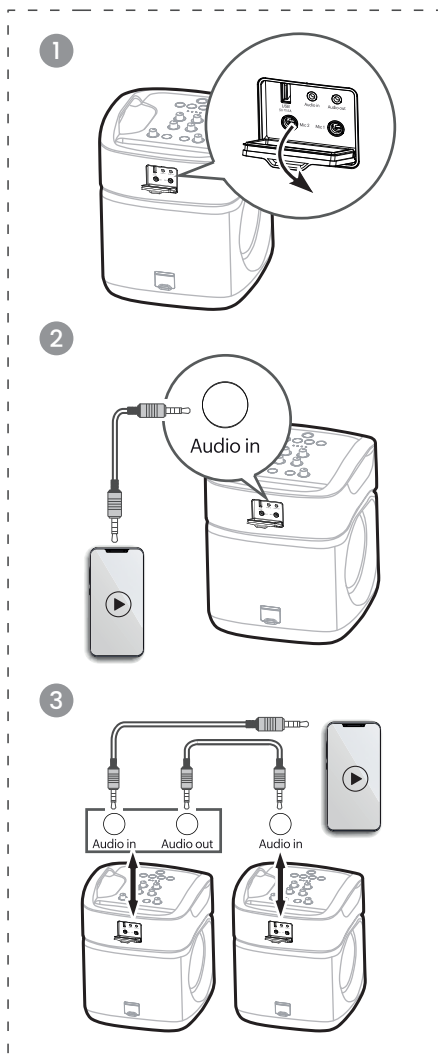## 4.2 Use the Audio in/Audio out Socket

With this product, you can listen to an external audio device such as an MP3 player.

Play from an MP3 player

1. Connect an audio input cable (not supplied) with a 3.5mm connector on both ends to:
- The **Audio in** socket on the unit.
- The headphone socket on the MP3 player.
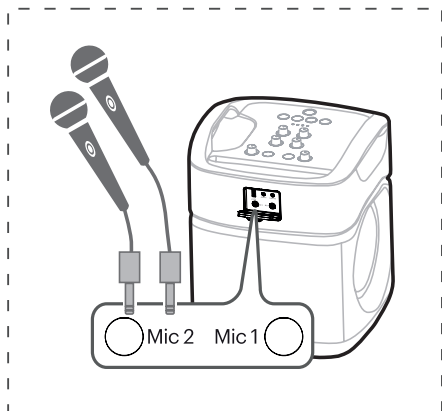2. Play audio on the MP3 player (refer to its user manual).

Audio out

- This unit has an Audio out socket. You can output the analog stereo audio signals to external devices such as an active speaker.
- Connect an audio cable (not supplied) to the Audio out socket on the unit and the audio in socket of the external device, and the unit will output audio automatically to the external device.

4.3 Use the Mic 1/Mic 2 Socket

Connect a microphone (not supplied) into the **Mic 1 / Mic 2** socket of the party speaker.

5. Basic Operation

5.1 Turn On / Off

Press and hold the ⏻ button for 3 seconds to switch on/off the unit.

Tips:

- The speaker will turn off automatically after 15 minutes without user operations and music playback.
- Disconnect the mains plug from the mains socket if you want to switch the soundbar OFF completely.

5.2 Adjust the Volume

Rotate the **Vol +/− Knob** on the unit to increase or decrease the volume.

5.3 Adjust the Bass Level

Rotate the **BASS +/− Knob** on the unit to adjust bass level.

5.4 Adjust the Treble Level

Rotate the **Treble +/− Knob** on the unit to adjust treble level.

5.5 Adjust the Bass Boost

Press the **Bass Boost** button to switch on/off the Bass Boost.

5.6 Adjust the Brightness

1. Turn speaker light on or off.

- In power on mode, press the ☼ Light button repeatedly to switch among different light modes of speaker light.

2. Change brightness.

- Press and hold the ☼ Light button for 3 seconds to change speaker light brightness.

5.7 Adjust Microphone Volume

Connect a microphone (not supplied) into the Mic in socket of the unit, and adjust the microphone volume by turning the **Mic 1/Mic 2 +/− knob**.

5.8 Adjust Echo

Adjust the microphone echo level to your desired level by turning the **Echo +/− Knob**.

5.9 Demo Mode

Enter demo mode

In standby mode (Plug the AC power cord), press and hold the ✳ and ☼ button at the same time. The unit can be activated the demo sound.

Note:

1. If you want to listen the demo sound longer, you can press the ▶‖ button to repeat the demo sound.
2. Rotate the **Vol +/− Knob** on the unit to increase or decrease the demo sound volume level.

Exit demo mode

Press and hold the ⏻ button for 3 seconds the unit will go to standby mode.

6. Bluetooth Operation

You can listen to tracks from a media device if connected to the unit via Bluetooth.

First time pairing

The first time you connect your bluetooth device to this player, you need to pair your device to this player.

Note:

- The operational range between this player and a Bluetooth device is approximately 8 meters (without any object between the Bluetooth device and the unit).

- Before you connect a Bluetooth device to this unit, ensure you know the device's capabilities.

- Compatibility with all Bluetooth devices is not guaranteed.

- Any obstacle between this unit and a Bluetooth device can reduce the operational range.

- If the signal strength is weak, your Bluetooth receiver may disconnect, but it will re-enter pairing mode automatically.

LED State	Status
Blinking blue	• Ready for Pairing • Reconnecting the last connected device
Solid blue	• Connected

1 Press the �֍ button to switch the Bluetooth mode.

2 On the Bluetooth device, switch on Bluetooth, search for and select "**AP4040BT**" to start connection.

3 Wait until you hear voice prompt from the party speaker.

4 Play music from the connected device.

Short press ▶ǁ	Start, pause or resume play
Long press **Bass Boost**	Previous track
Long press ▶ǁ	Next track

To disconnect the Bluetooth function:

- Switch to another source on the unit.
- Disable the function from your Bluetooth device.

- Press and hold the ✖ button on the unit the LED indicator blinks blue.

Tips:

- The player will also be disconnected when your device is moved beyond the operational range.
- If you want to reconnect your device to this player, place it within the operational range.
- If the device is moved beyond the operational range, when it is brought back, please check if the device is still connected to the player.
- If the connection is lost, follow the instructions above to pair your device to the player again.

7. USB Operation

By connecting a USB mass storage device (e.g. USB flash drive) to this speaker, you can enjoy the device's stored music through the speaker.

- To pause or resume play, press the ▶ǁ button on the speaker.

Tips:

- The unit can support USB devices with up to 64 GB of memory.
- This unit can play MP3.

8. TWS Operation

Two speakers can pair with each other for stereo sound.

Tips:

•   TWS works only if there are two identical party speakers.

Select master speaker manually

•   Press and hold the ⏻ button for 3 seconds to power on both speakers and enter to Bluetooth pairing mode.
•   Select one speaker as master and connect to Bluetooth.
•   Press the **TWS** button on both speakers to enter stereo pairing mode (TWS).
•   When TWS is connected, you will hear a voice prompt.
•   To exit TWS, press and hold the **TWS** button on either speaker.

Select master speaker automatically

•   Press and hold the ⏻ button for 3 seconds to power on both speakers.
•   Press the **TWS** button on both speakers to enter stereo pairing mode.
•   To exit TWS, press and hold the **TWS** button for 3 seconds on either speaker.

Note:

•   During TWS pairing mode, both master and slave speaker will return to previous state automatically after 1 minute without user operations or TWS pairing is not successful.

9. Party Link Operation

The speaker can connect up to 80 party speakers together and play audio at the same time.

Enter Party Link mode

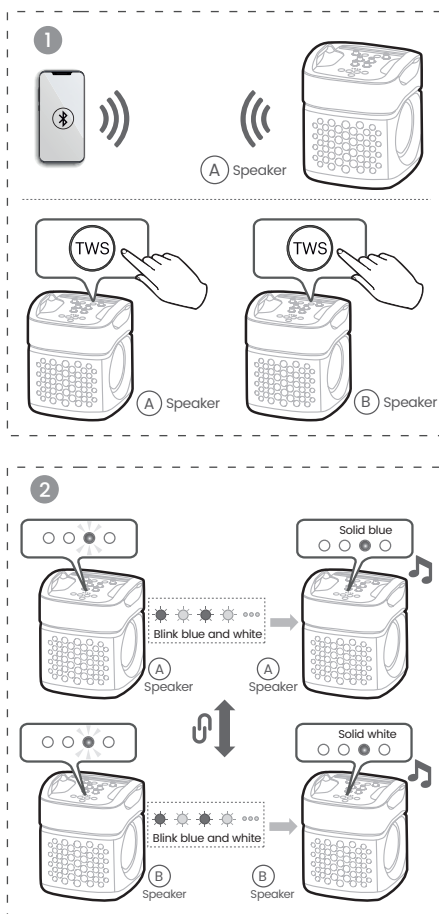- Press and hold the ⏻ button for 3 seconds to power on party speakers and enter to Bluetooth pairing mode.
- Select one speaker as master and connect to Bluetooth.
- Press the **Party Link** button on all speakers to enter Party Link pairing mode.
- When Party Link is connected, you will hear a voice prompt.
- Press and hold the **Party Link** button on master speaker. All speakers will exit Party Link mode.

Note:
- During Party Link pairing mode, slave speaker will return to previous state automatically after 1 minute without user operations or Party Link pairing is not successful.
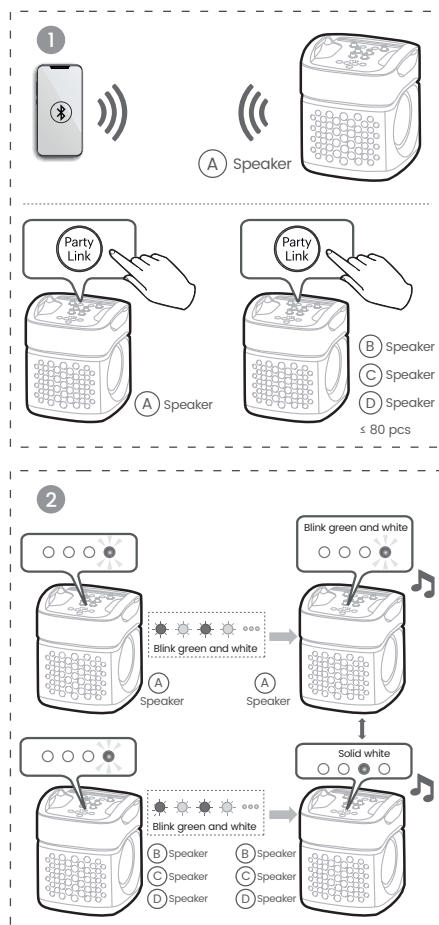- No timeout on master speaker.

10. Troubleshooting

To keep the warranty valid, never try to repair the system yourself. If you encounter problems when using this unit, check the following points before requesting service.

Problem	Solution
No power	• Ensure that the unit is fully charged or connected with a power source. • Ensure that all the required cables are securely connected. • Ensure that the unit is switched on. • To save power, the unit switches to standby automatically 15 minutes after a play reaches the end and no control is operated.
No sound	• Adjust the volume. • Check the sound input source.
Cannot display some files in USB device	• The number of folders or files in the USB device has exceeded a certain limit. This phenomenon is not a malfunction. • The formats of these files are not supported.
USB device not supported	• The USB device is incompatible with the unit. Try another one.
The audio quality is poor after connection with a Bluetooth-enabled device.	• The Bluetooth reception is poor. Move the device closer to this product or remove any obstacle between them.
I can't find the Bluetooth name of this unit on my Bluetooth device for Bluetooth pairing	• The Bluetooth function of the device is not enabled. Refer to the user manual of the device for how to enable the function. • This product is already connected with another Bluetooth-enabled device. Disconnect that device and then try again.
The paired device connects and disconnects constantly.	• The Bluetooth reception is poor. Move the device closer to this product or remove any obstacle between them. • For some devices, Bluetooth connection may be deactivated automatically as a power-saving feature. This does not indicate any malfunction of this product.

11. Specifications

Brand	AudioSource
Model	AP4040BT

Wireless Party Speaker

Power Supply	100-240V~ 50/60Hz
Power Consumption	40 W < 0.5 W (StandBy)
USB	5V ⎓ 1A USB (2.0) , FAT32 / FAT16, 64G (max) , MP3
Dimension (WxHxD)	11.3" x 13.8" x 11.1" (287 x 352 x 283 mm)
Net Weight	13.2 lbs (6 kg)
Frequency Response	50Hz - 20KHz

Wireless Specification

Bluetooth Version / Profiles Bluetooth Frequency Range Bluetooth Max. Transmitting Power	V 5.3 (A2DP, AVRCP) 2402 MHz ~ 2480 MHz ≤ 10 dBm

Amplifier

AC Output Power (Maximum)	160 W
Battery Output Power (RMS)	80 W
Frequency Response	50Hz-20KHz, ±3dB
Signal to Noise Ratio	≥ 70 dBA
Total Harmonic Distortion	< 10%

Battery

Battery Capacity	7.4V 4000mAh (Built in rechargeable)
Battery Life	10-12 hrs (30% Volume)
Battery Charge Time	3-4 hrs

• Design and specifications are subject to change without notice.

FC

FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

   (1) This device may not cause harmful interference, and

   (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

California Prop 65 Warning :

⚠ WARNING: This product can expose you to chemicals, including styrene, which is known to the State of California to cause cancer, and Bisphenol A, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

AudioSource